

**In the United State Patent and Trademark Office**

Appn. Number: US 10/599,555 national phase entered on October 1<sup>st</sup>, 2006

International Appn Nr. : WO 2005/109985 / PCT/EP2005/051404

Applicants: Robert Desbrandes, Daniel L. Van Gent

Title : METHOD AND DEVICE FOR MODIFYING THE

DEEXCITATION PROBABILITY OF NUCLEAR ISOMERS

Examiner: Mr. Brooke PURINTON

Givarlais, France, 2011 April 19<sup>th</sup>

**Amendment dated 2011-04-19**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir,

We apologize for submitting an amendment to the specification.

In the course of another examination, we have been objected that we are not allowed to introduce additional references within the specification (MPEP 706.03(o), in particular, 35 USC 132 (a)).

Hence, we propose to remove the added references :

- [8.] Firestone R. et al., "Table of Isotopes", Eighth Edition, 1996, Wiley Interscience.
- [9.] Pontecorvo B., and Lazard A., "Nuclear Isomerism produced by X-rays of the continuous spectrum", Compte Rendus, French Academy of Sciences, 1939, pp. 99-101.

[10.] Boivin M., Cauchois Y., and Heno Y., "Nuclear photoactivation of  $^{77}\text{Se}$ ,  $^{107}\text{Ar}$ ,  $^{111}\text{Cd}$ ,  $^{115}\text{In}$ , and  $^{199}\text{Hg}$ ", North-Holland Publishing Co., Amsterdam, Nuclear Physics, A137 (1969), pp. 520-530.

[11.] Veres A., "Photo-activation if Cadmium-111m and Indium-115m by Cobalt-60 irradiation", International Journal of Applied Radiation and Isotopes, 1963, Volume 14, pp. 123-128, Pergamon Press Ltd.

However, we would appreciate if the Office could cite them for the benefit of the general public.

Concerning the transfer of the original claims (filed in the international application) to the description:

It is believed that the transferred original claims do not introduce new matter in the application considering MPEP paragraph 2163.06 "Relationship of Written Description Requirement to New Matter" which states that:

*"Lack of written description is an issue that generally arises with respect to the subject matter of a claim. If an applicant amends or attempts to amend the abstract, specification or drawings of an application, an issue of new matter will arise if the content of the amendment is not described in the application as filed. Stated another way, information contained in any one of the specification, claims or drawings of the application as filed **may be added to any other part of the application without introducing new matter.**"*

Numbering of the methods, devices and uses: in order to avoid any risk of misinterpretation of the numbering, I have referred each method, device and use by a number written in letter so that the one skilled in the art could not interpret such a number as a reference to the figures.

I propose to submit an amended specification taking into account the above mentioned corrections and amendments:

- Description file in revision mode:
  - US01-2011-04-19-Specification-C-v01-m1-revision.pdf
  - Reference in the header is E-QUANTIC / US01-C-Revision;
- Clean text for the amended specification:

- US01-2011-04-19-Specification-C-v01-m1.pdf
- Reference in the header: E-QUANTIC/US01-C.

I am attaching a power of attorney from Professor Van Gent confirming the present examination, and allowing for possible RCE or continuation.

Please find the following sections in this amendment:

**DESCRIPTION:** Amended as described above.

**DRAWINGS:** Unchanged.

**CLAIMS:** Unchanged.

**REMARKS:** Arguments and remarks are in the above text.

We are prepared to consider any further concerns you may have on patentability of our claims in order to proceed to the right protection of the invention.

Respectfully yours.

S-SIGNED: /Robert DESBRANDES/

Robert DESBRANDES

Inventor.